



Iowa Disease Surveillance System June 2010 Update

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Iowa department of Public Health


Presentation Outline

- Statistics about IDSS Use
- IDSS Information Available to Local Users
- IDSS Enhancements
- Recent IDSS Memos

Statistics about IDSS Use

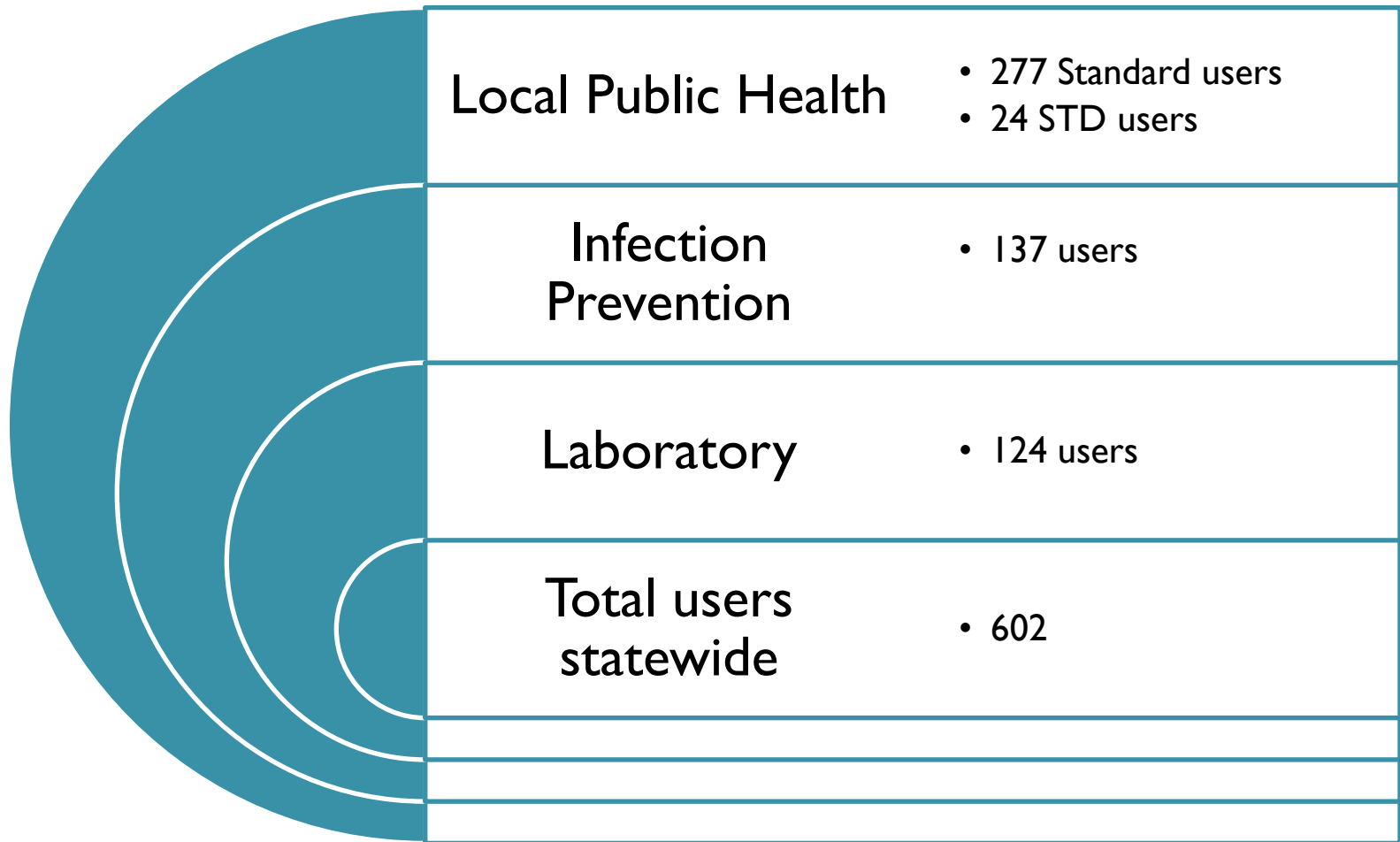


Who is Using IDSS at IDPH?

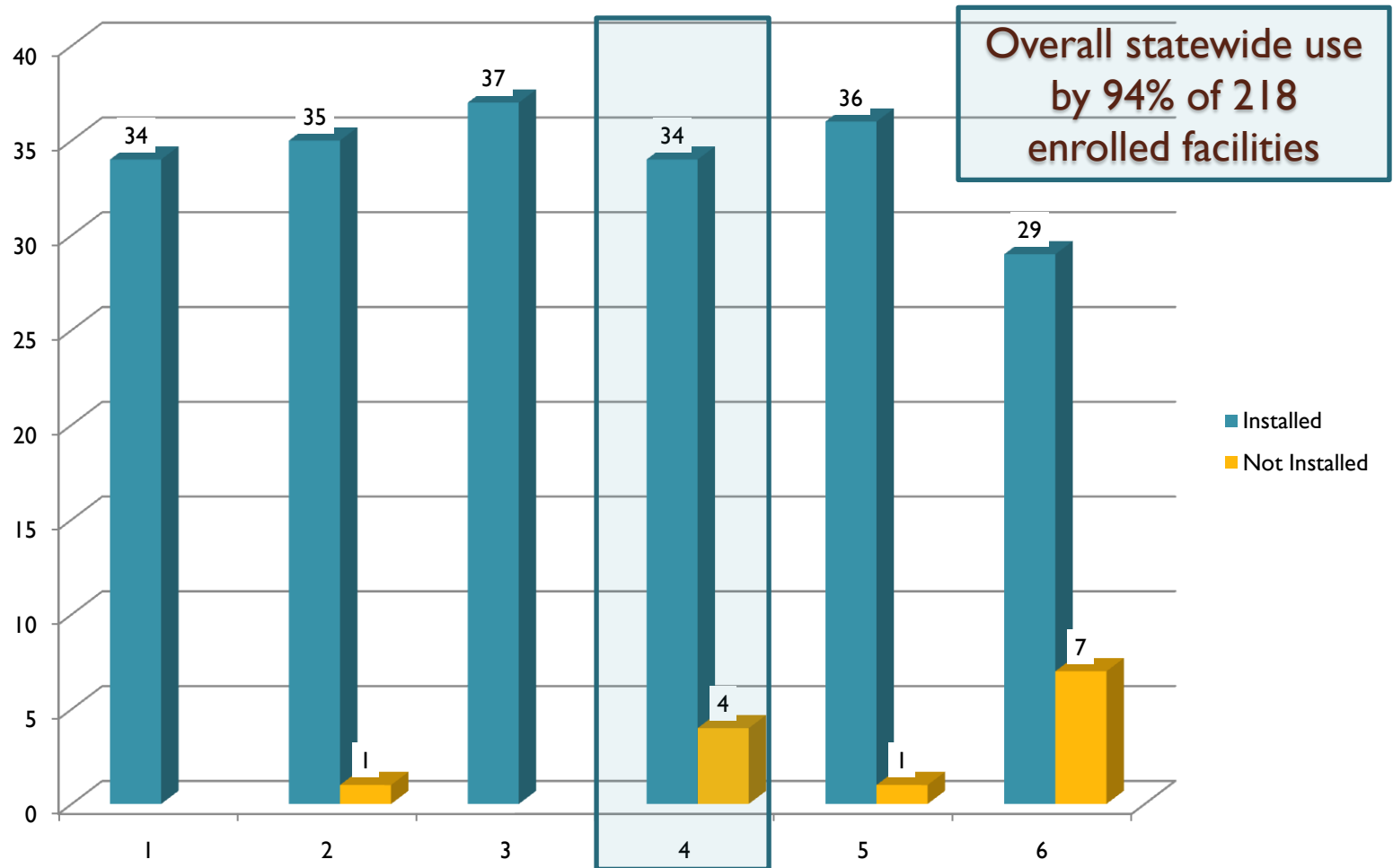


Center for Acute Disease Epidemiology	• 20 users
Hepatitis C Program	• 2 users
Tuberculosis Program	• 1 user
Maternal Hepatitis B Program	• 1 user
STD Program	• 4 internal users • 6 Regional users
Environmental Health	• 4 users
Executive/Mgmt. Staff	• 2 users

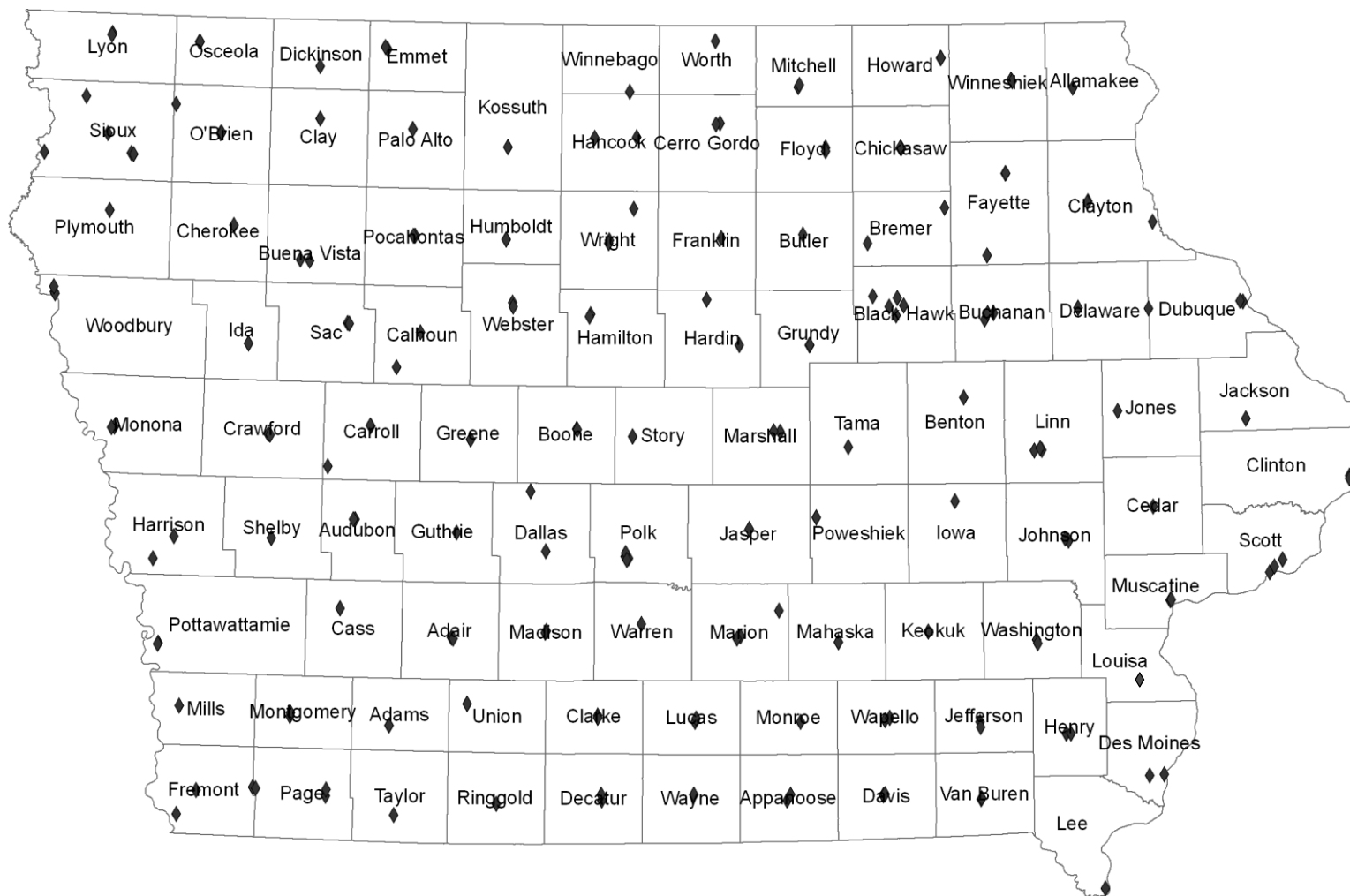
Who is Using IDSS Locally? (statewide)



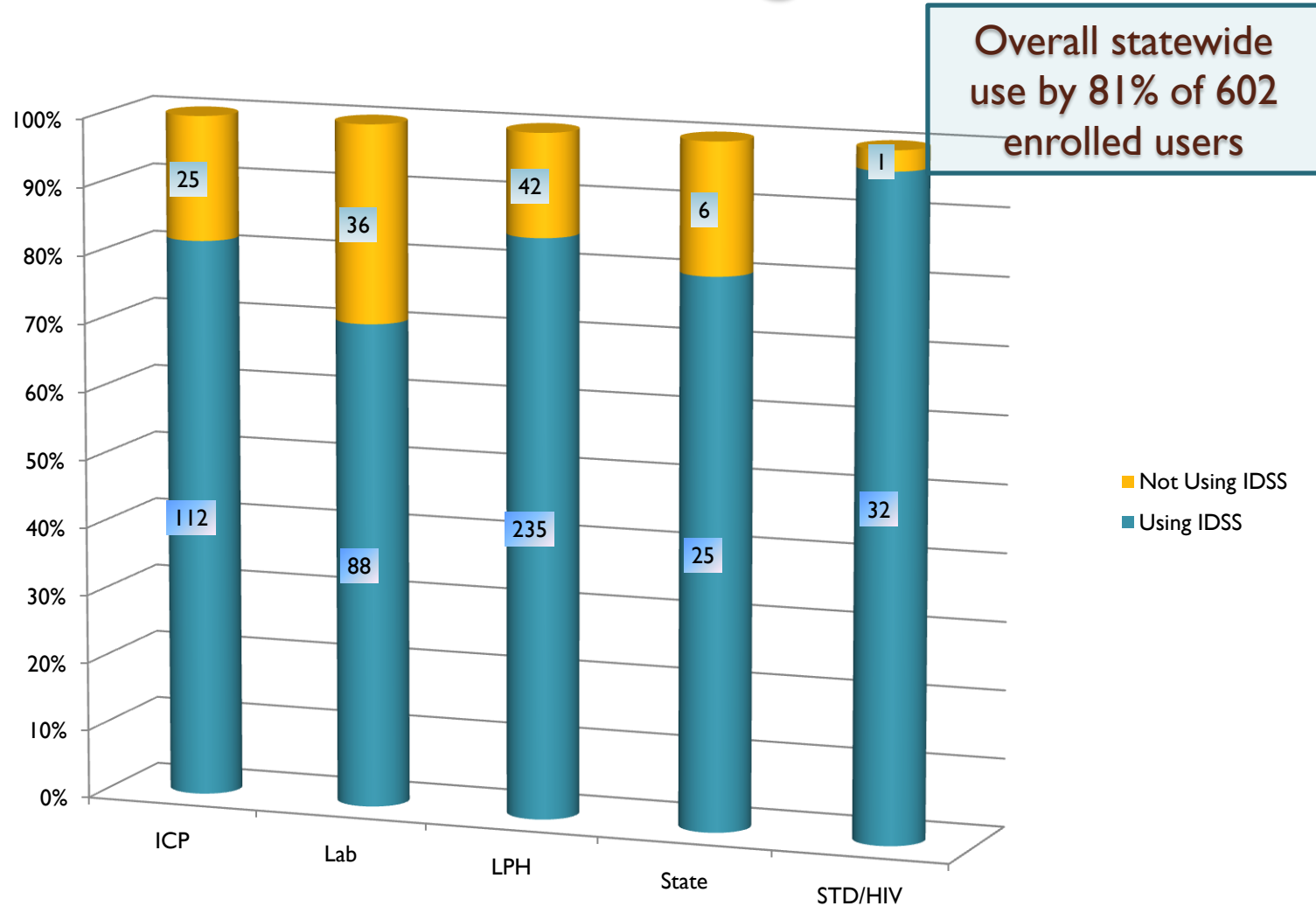
IDSS in Use by Enrolled Facilities Statewide (by Region)



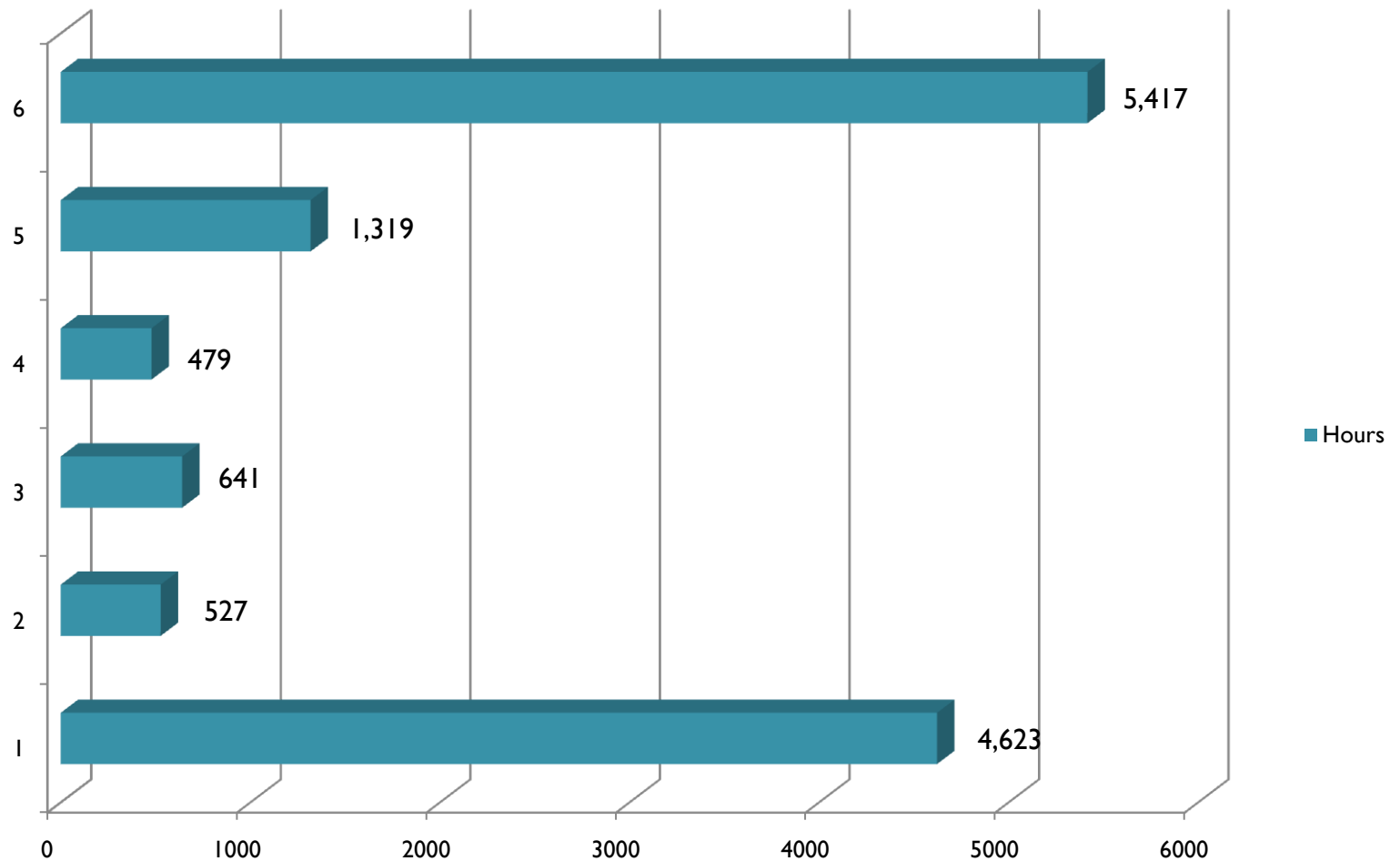
IDSS Coverage Statewide



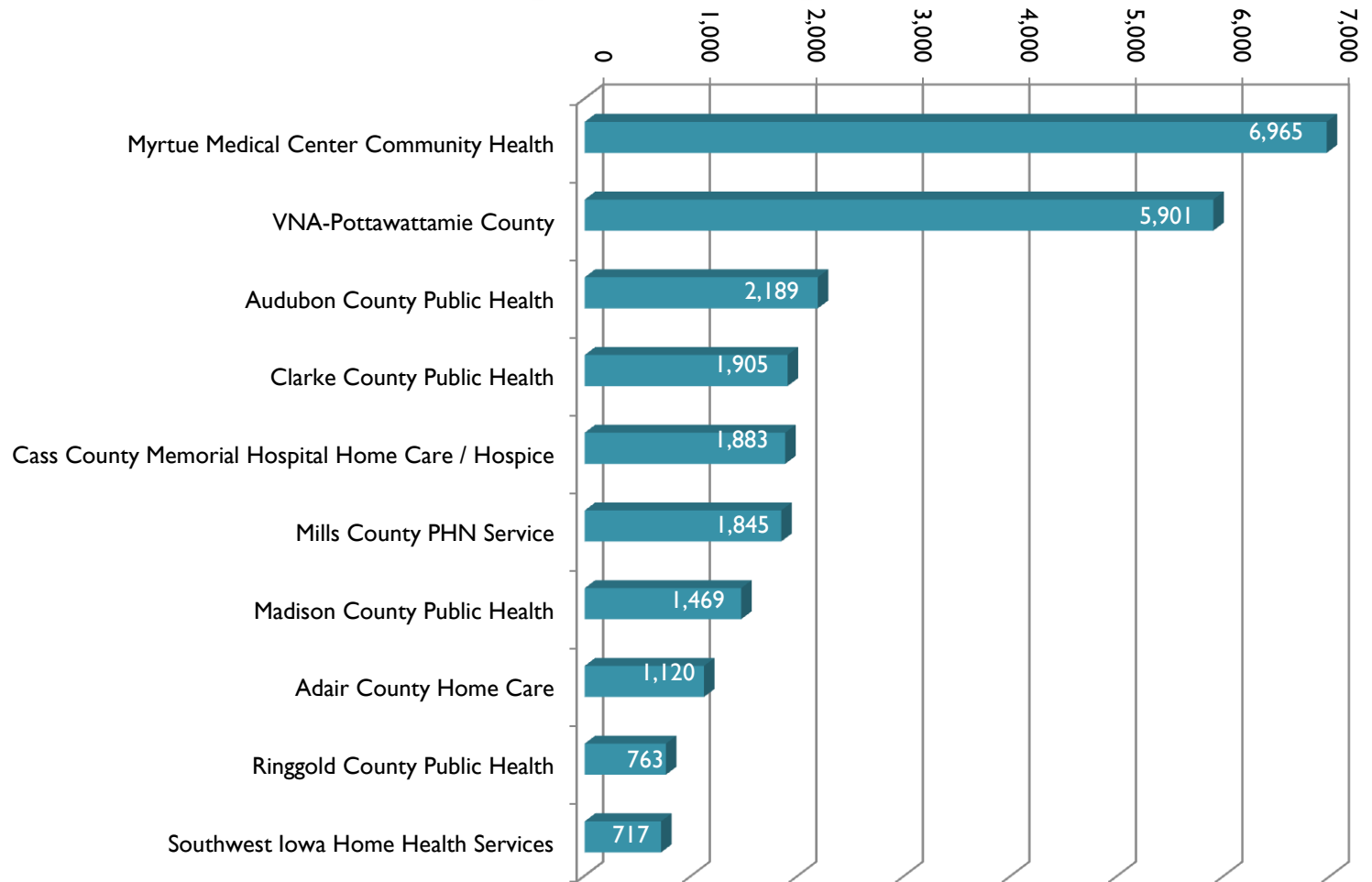
Enrolled Users Using IDSS



Total Hours in IDSS by region

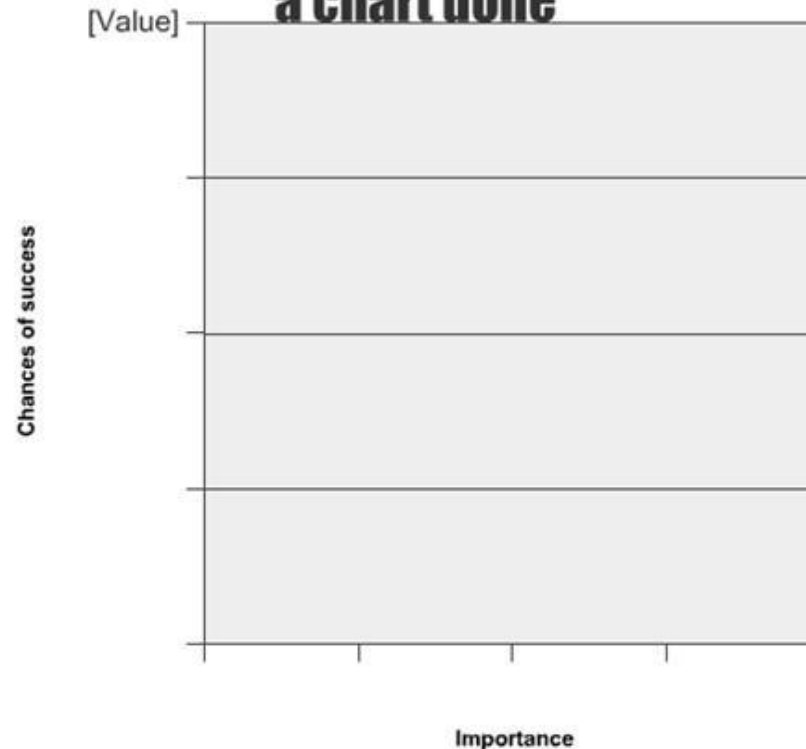


Region 4 Top Minutes by facility



IDSS Information Available to Local Users

The chances of a procrastinator getting a chart done



GraphJam.com

2009 Total Disease Activity

Iowa Department of Public Health

Event Counts Map

Disease: (All)

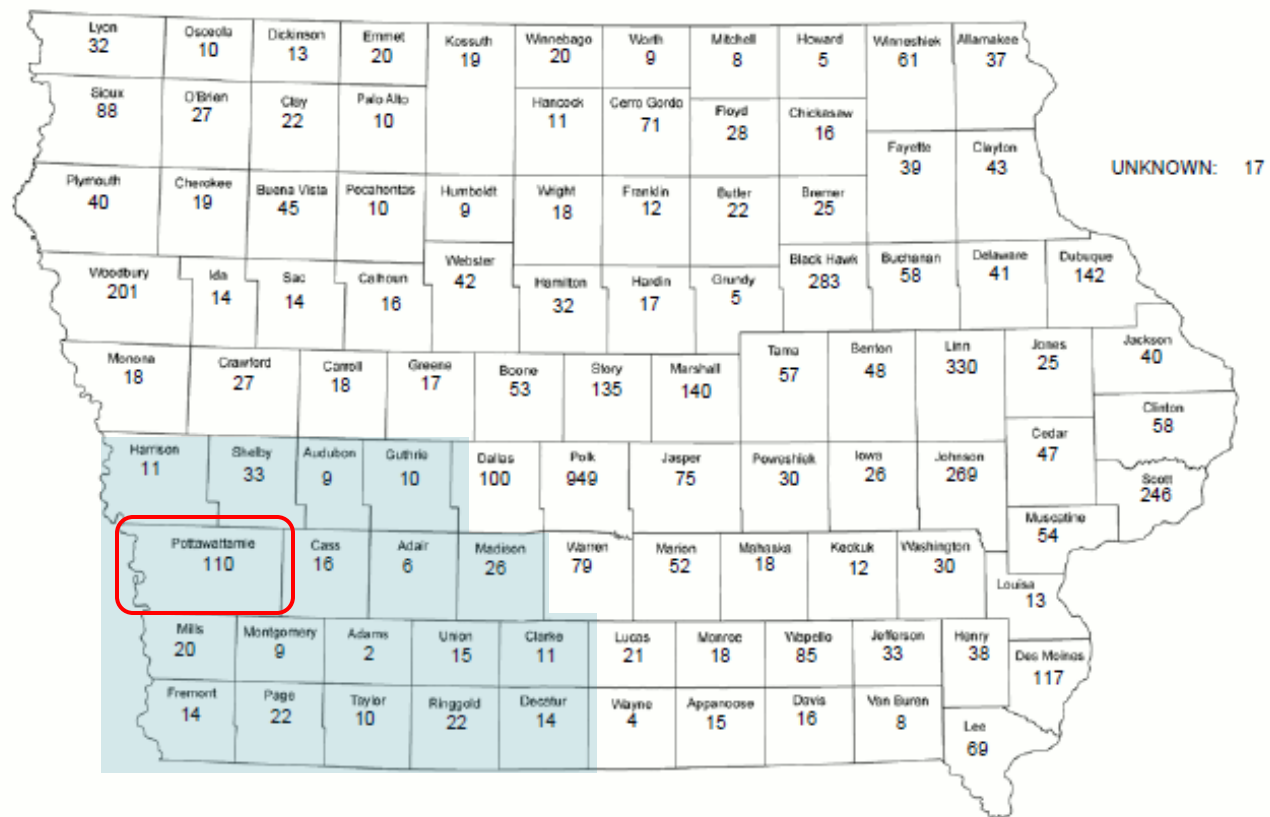
Follow up progress: (All)

Outbreak: (All)

Event status: (All)

MMWR Date: 2009-1 thru 2009-52

Exposure setting: (All)

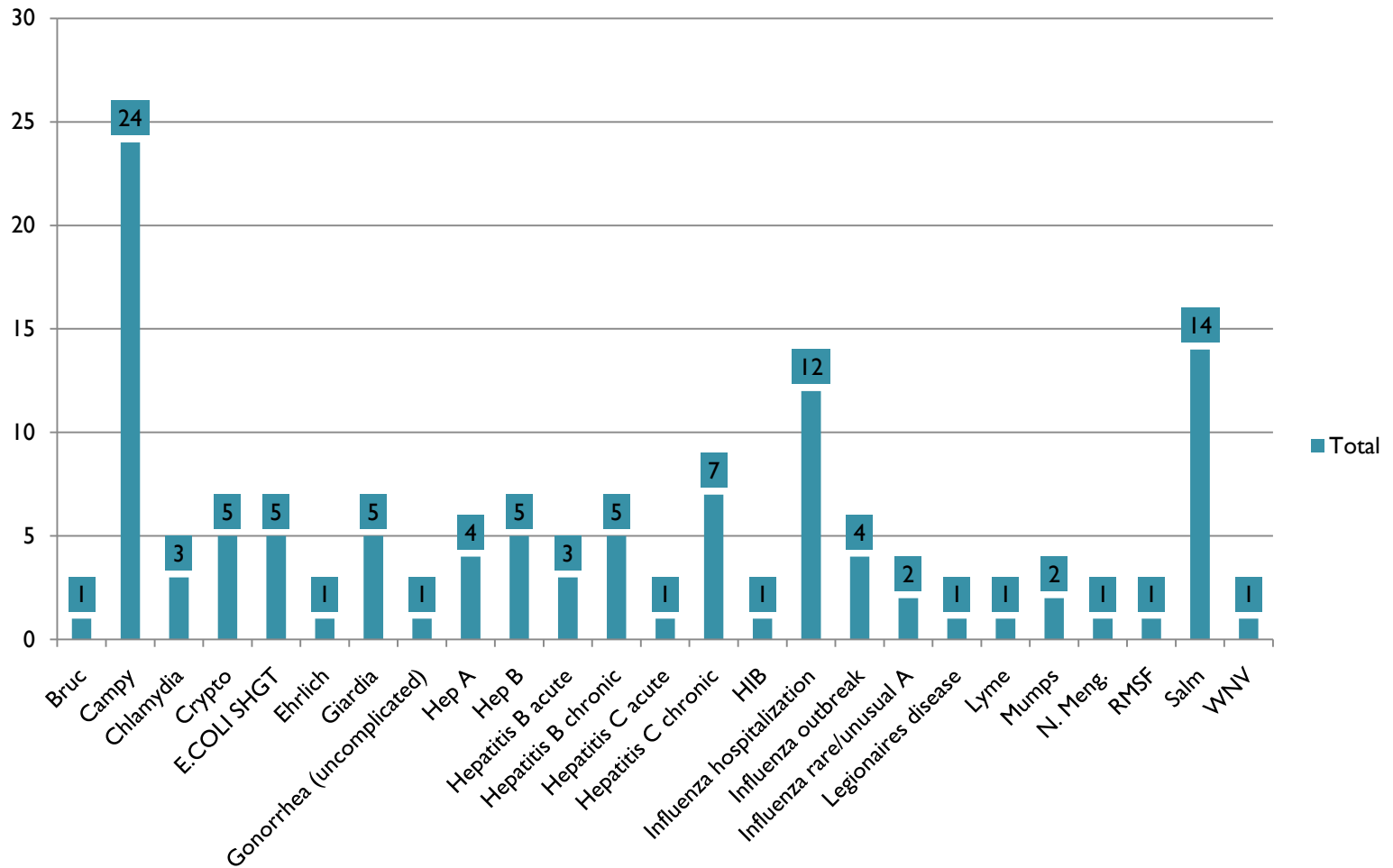


6/2/2010

Iowa Disease Surveillance System

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2009 Pottawattamie Co. Disease Activity



Trends for Campy and Salmonellosis

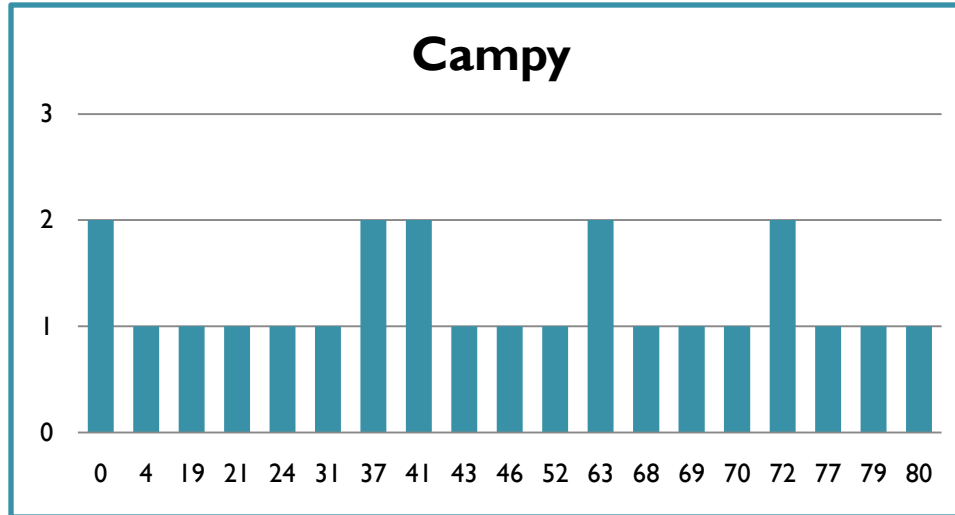
Disease: Campylobacter, Salmonellosis

Counties: POTTAWATTAMIE

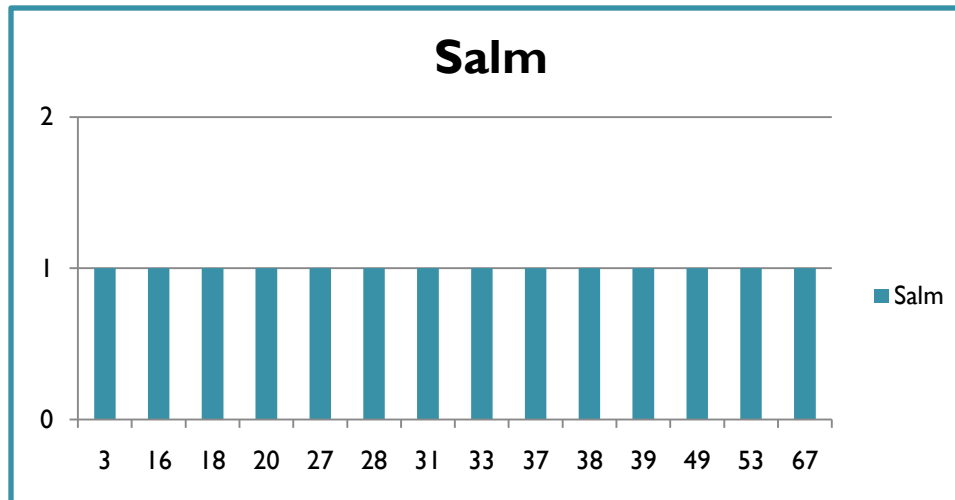
MMWR Week-Year: 1-2004 thru 53-2009

	Campy	Salm	Total
2009	24	14	38
2008	17	10	27
2007	18	15	33
2006	18	19	37
2005	18	12	30
2004	24	8	32
Total	119	78	197

Age At Onset: Campy and Salmonellosis



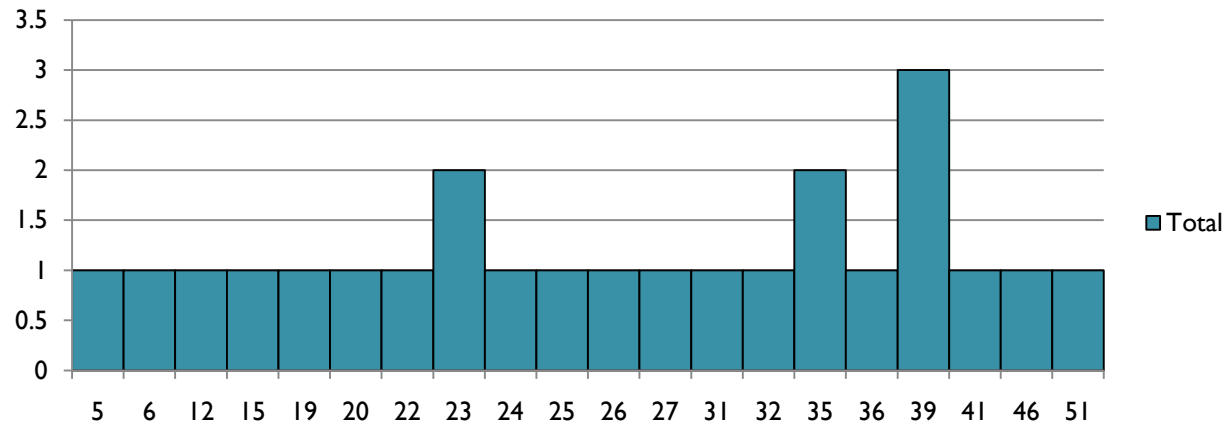
Age Group	# Cases
<=18	3
19-39	6
40-59	5
60-79	9
80+	1



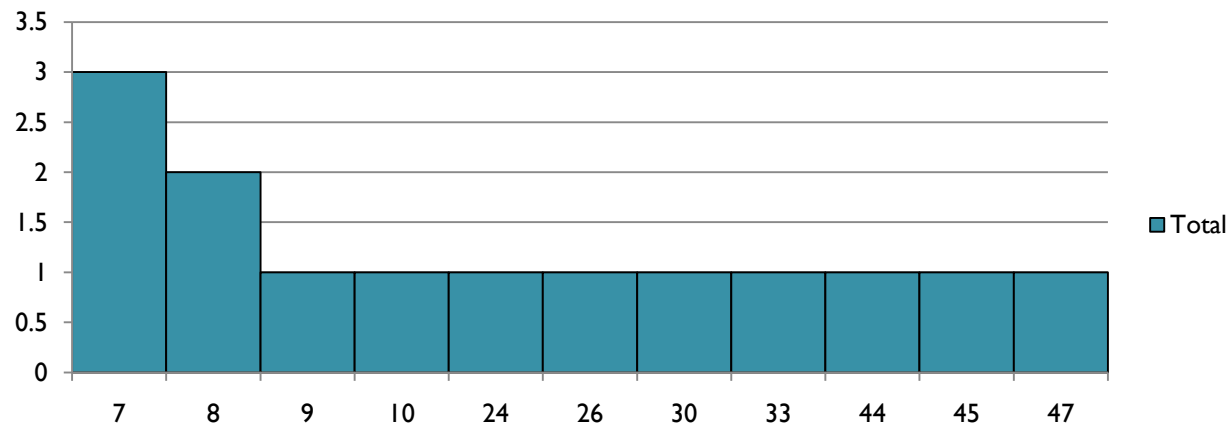
Age Group	# Cases
<=18	3
19-39	8
40-59	2
60-79	1
80+	0

MMWR Week of Illness

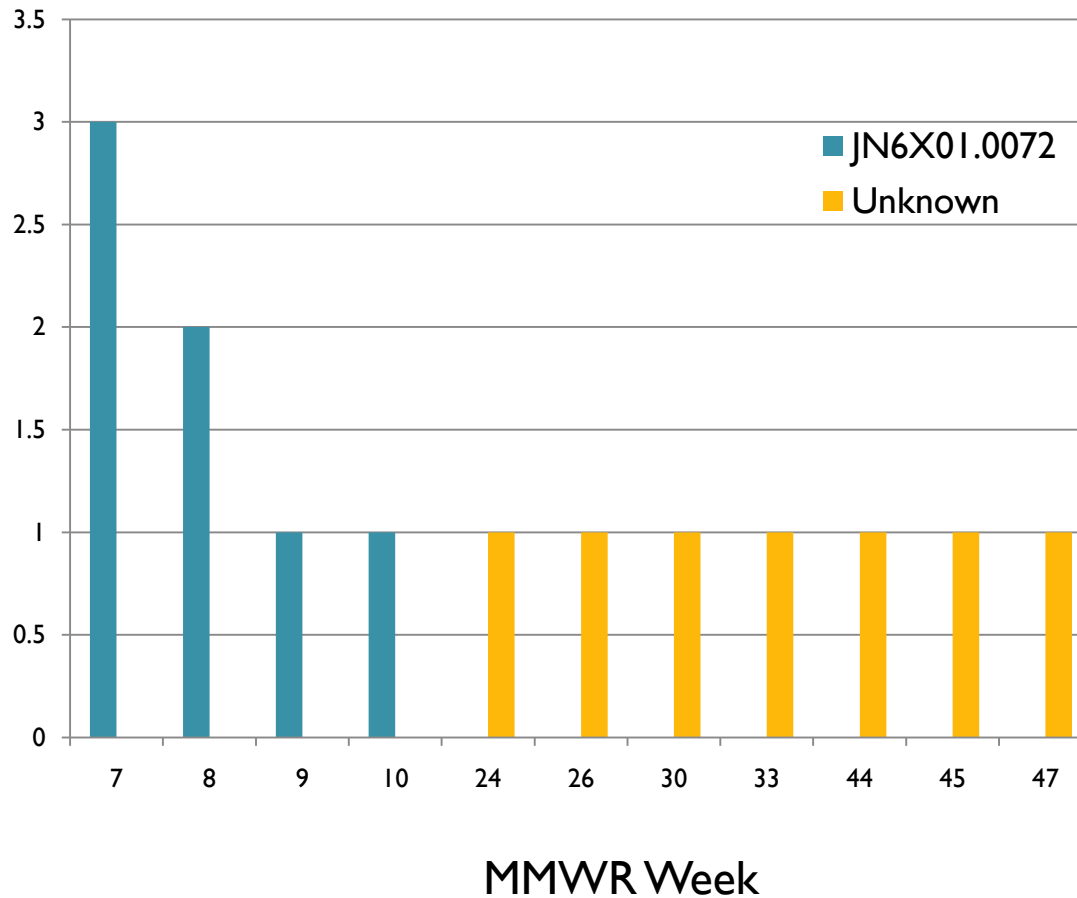
MMWR Week of Campy Illness



MMWR Week of Salmonella Illness

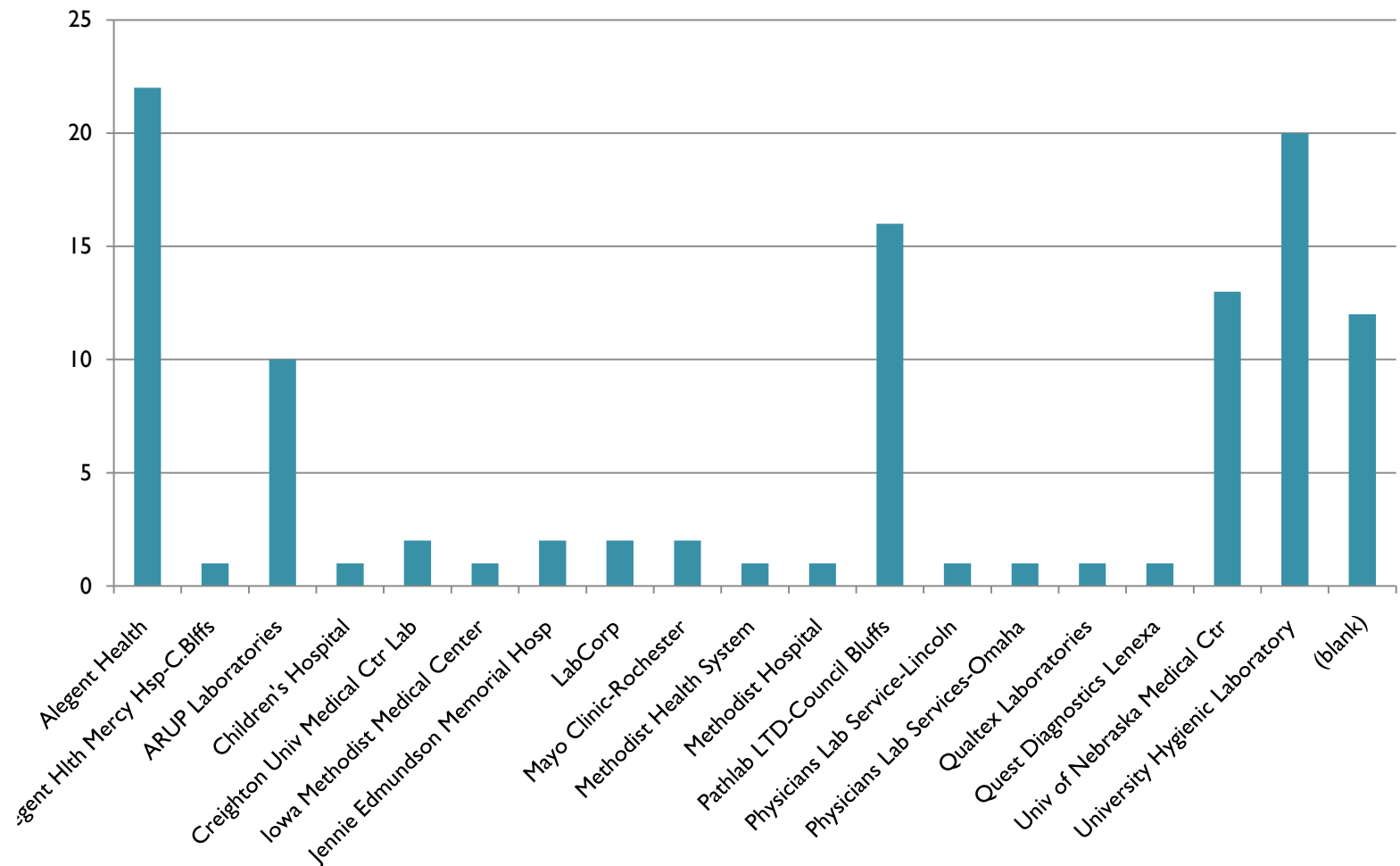


Salmonellosis PFGE Values by MMWR Week



Pulse Field Gel Electrophoresis Pattern

Initial Lab Testing by Facility



IDSS: Other Resources

Resources, presentations, troubleshooting tools, etc. developed for users are posted on the IDSS page of the Iowa Department of Public Health web site:

www.idph.state.ia.us/adper/idss.asp

1	Type of info	Case Counts							Case Details						
2	Report Name	Event Counts Map	Event Counts Report	Event Status Crosstab Report	Frequency Report (Disease)	Frequency Report (Serogroup)	Frequency Report (Serotype)	Trends Report	Disease Query Report	PFGE Report	Regional/Statewide Outstanding Follow-up Report	State Outstanding Follow-up Report	Local Outstanding Follow up Report	Event Detail Report (the open case only)	
	Data Elements														
3															
4	County	X	X						X	X				X	
5	Case Count	X	X	X	X	X	X	X				X	X	always 1	
6	Disease		X	X	X	X	X	X	X	X	X	X	X	X	
7	Event Status			X					X			X	X	X	
8	Frequency (of category)*				X	X	X							N/A	
9	Accumulating frequency (of category)*				X	X	X							N/A	
10	Disease State (acute, chronic, etc.)								X					X	
11	Subtype (Type, Serogroup, Serotype, or Biotype)								X					X	
12	Serogroup					X								X	
13	Serotype						X			X				X	
14	Year							X						X	
15	Case #								X	X	X	X	X	X	

IDSS Enhancements



Incorporated Changes 2009/2010

- Electronic Laboratory Reporting
- IDSS alerting integrated into IDSS
- Disease Toggle function
 - Example: Influenza
- STD Security for Follow-up Tab
- New Integrated Reports & Exports
- Notes Tab Redesigned – includes User history of ‘saves’
- Case Address/Phone History

Future IDSS Enhancements Wish List

- Additional data elements for reports:
 - Date fields for performance measures
 - Address I and Zip code
- Main screen message board
- Auto create cases for contacts marked as cases
- Alerting feature to send random note to LPHA investigating case
- System reminder when IDSS registration near expiration

(note: 19 Region 4 IDSS users have expired registrations)



Send IDSS enhancement suggestions

John Satre

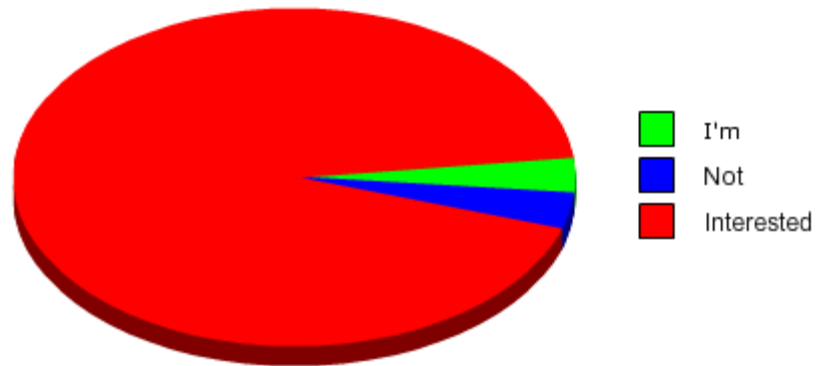
IDSS Coordinator

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Recent IDSS Memos

What part of "I'm Not Interested" do telemarketers not understand?



STD Program Direction

- STD Reporting Clarification
 - IDSS Reporting is intended to replace paper reporting (no need to report both ways)
 - Reporting to IDSS sends report to both state and local public health agencies
 - Local public health STD reporting procedures do not need to change – if used to referring to Disease Prevention Specialist, this can continue
 - Treatment information needs to be handled carefully. See “STD Reporting Q & A” under Other Resources at www.idph.state.ia.us/adper/idss.asp

Influenza Changes

- The disease name has been changed from “Novel Influenza A virus” to “Influenza.”
- 5 different categories of Influenza are all captured under the disease name “Influenza:”
 - Influenza death
 - Influenza hospitalization
 - Influenza outbreak
 - Influenza pediatric mortality
 - Influenza rare/unusual A (Novel Influenza A)

Miscellaneous

- Local Outstanding Follow Up Report Memo
- Specific case communication from CADE Nurses or Epidemiologists
- Renewal of IDSS Security & Confidentiality Agreement
- IDSS User Manual under revision
- Sluggish behavior of IDSS
 - Internet connection speed
 - PC processing speed
 - RAM memory on PC
 - Page File Usage

Questions/Discussion

